

**i) Sequence ID1**

(1)MIFLKLIKSIIVIGLGLVSAIQAAPASSIGSSASASSSSSESSQATIPNDVTLGVKQIP  
NIFNDSAVDANAAAKHPLEKRNVNQHLCGSHLVEALYLVCGERGFFYTPKGIVE  
QCCTSICSLYQLENYCN(128)

**5 Sequence ID2**

(1)MIFLKLIKSIIVIGLGLVSAIQAAPASSIGSSASASSSSSESSQATIPNDVTLGVKQIP  
NIFNDSAVDANAAAKHPLENRNVNQHLCGSHLVEALYLVCGERGFFYTPKGIVE  
QCCTSICSLYQLENYCN(128)

**Sequence ID3**

10 (1)MTSKTIPAMLAITVAYLCALPHAHARSTQGYGRMDRILAALKTSPMEPSAAL  
AVENGTTHTPLGKRNVNQHLCGSHLVEALYLVCGERGFFYTPKGIVEQCCTSICSL  
YQLENYCN(116)

**Sequence ID4**

(1)MTSKTIPAMLAITVAYLCALPHAHARSTQGYGRMDRILAALKTSPMEPSAAL  
15 AVENGTTHTPLGNRVNQHLCGSHLVEALYLVCGERGFFYTPKGIVEQCCTSICSL  
YQLENYCN(116)

**Sequence ID 5**

ATGATCTTTCTGAAGTTGATCAAGTCTATCGTGATCGGTCTGGGTCTGGTTTC  
TGCCATCAGGCCGCTCCAGCCTCTTCTATCGGTTCTTCTGCCTCTGCCTCTTCT  
20 TCTTCTGAGTCTTCTCAGGCCACCATTCCAAACGACGTTACCCTGGGTGTAA  
GCAGATCCCAAACATCTTCAACGACTCTGCCGTTGACGCCAACGCTGCTGCT  
AAGCACCCACTGGAGAAGAGATTCGTGAACCAGCACCTGTGTGGTTCTCACC  
TGGTTGAGGCCCTGTACCTGGTTTGCCGTGAGAGAGGATTCTTCTACACCCCA  
AAGGGTATCGTTGAGCAGTGCTGCACCTCTATCTGTTCTCTGTACCAGCTGGA  
25 GAACTACTGCAAC

**Sequence ID 6**

ATGATCTTTCTGAAGTTGATCAAGTCTATCGTGATCGGTCTGGGTCTGGTTTC  
TGCCATCAGGCCGCTCCAGCCTCTTCTATCGGTTCTTCTGCCTCTGCCTCTTCT  
TCTTCTGAGTCTTCTCAGGCCACCATTCCAAACGACGTTACCCTGGGTGTAA  
30 GCAGATCCCAAACATCTTCAACGACTCTGCCGTTGACGCCAACGCTGCTGCT  
AAGCACCCACTGGAGAACAGATTCGTGAACCAGCACCTGTGTGGTTCTCACC

TGGTTGAGGCCCTGTACCTGGTTTGCGGTGAGAGAGGATTCTTCTACACCCCA  
AAGGGTATCGTTGAGCAGTGCTGCACCTCTATCTGTTCTCTGTACCAGCTGGA  
GAACTACTGCAAC

**Sequence ID 7**

5 ATGACCTCGAAGACCATCCCAGCCATGCTGGCCATCATTACCGTTGCCTACCT  
GTGTGCTCTGCCACACGCCCACGCTAGATCTACCCAGGGTTACGGTAGAATG  
GACAGAATCCTGGCCGCCCTGAAGACCTCTCCAATGGAGCCATCTGCCGCCC  
TGGCCGTTGAGAACGGAACCAACCACTGGGTAAGAGATTTCGTGAACCA  
GCACCTGTGTGGTTCTCACCTGGTTGAGGCCCTGTACCTGGTTTGCGGTGAGA  
10 GAGGATTCTTCTACACCCCAAAGGGTATCGTTGAGCAGTGCTGCACCTCTATC  
TGTTCTCTGTACCAGCTGGAGAACTACTGCAAC

**Sequence ID 8**

ATGACCTCGAAGACCATCCCAGCCATGCTGGCCATCATTACCGTTGCCTACCT  
GTGTGCTCTGCCACACGCCCACGCTAGATCTACCCAGGGTTACGGTAGAATG  
15 GACAGAATCCTGGCCGCCCTGAAGACCTCTCCAATGGAGCCATCTGCCGCCC  
TGGCCGTTGAGAACGGAACCAACCACTGGGTAACAGATTTCGTGAACCA  
GCACCTGTGTGGTTCTCACCTGGTTGAGGCCCTGTACCTGGTTTGCGGTGAGA  
GAGGATTCTTCTACACCCCAAAGGGTATCGTTGAGCAGTGCTGCACCTCTATC  
TGTTCTCTGTACCAGCTGGAGAACTACTGCAAC

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